

J. MIELSKI, Janusz

History of the Department of Pharmacology in Krakow. Pol. tyg.
lek. 19 no.18: 684-685 27 Ap '64.

SUPNIENSKI, J.

Tissue and humoral hormones. Farmacja Pol 20 no.1/2:14-21.
25 Ja'64.

SUPOLKIN, G.A.

Calculating the uneven movement of a fluid set in V-shaped
channels. Izv.Otd.est.nauk AN Tadzh.SSR no.10:27-35 '55.
(MLRA 9:10)

1. Tadzhikskiy sel'skokhosaystvennyy institut.
(Hydraulics)

124-1957-1-505

Translation from: Referativnyy zhurnal, Mekhanika, 1957, Nr 1, p 63 (USSR)

AUTHOR: Supolkin, G.A.

TITLE: On the Hydraulic Calculation of Channels for a Given Flow Velocity
(K voprosu gidravlicheskogo rascheta kanalov s zadannoy skorost'yu
techeniya)

PERIODICAL: Izv. AN TadzhSSR, Otd. yestestv. n., 1955, Nr 12, pp 59-67

ABSTRACT: It is proposed that, given a canal of trapezoidal cross-section, its flow Q , slope i , and velocity v , the existence of a solution be established first, namely, whether or not $v_{opt} > v_{given}$. The velocity of the optimal section, v_{opt} , is found from the formula

$$v_{opt} = \frac{0.707 \sqrt{i}}{n} \sqrt[4]{\frac{nQ}{i^2 (2 \sqrt{1+m^2} - m)}} .$$

Here m is the slope coefficient and n the coefficient of roughness of the canal. If the above-mentioned condition is satisfied, the depth h and the bottom width b of the canal are obtained as follows. Firstly, the function $\phi(\beta) = \frac{Q}{n} (nv/\sqrt{i})^3$ is calculated,

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124-1957-1-505

On the Hydraulic Calculation of Channels (cont.)

and then β is obtained from the formula

$$\phi(\beta) = \frac{\beta + m}{(\beta + 2\sqrt{1+m^2})^2}$$

The calculation is facilitated by a table of the values of the function $\phi(\beta)$ for a number of values of β and various slope coefficients m . For the β thus found, the quantities b and h are determined, as usual, from

$$h = \sqrt{\frac{Q}{v(\beta + m)}}, \quad b = \beta h.$$

In the derivation of the formulas it has been assumed that $C = 1/n R^9$.

Bibliography: 5 references

P.K. Kiselev

(Transl. Ed. Note: The name of the reviewer is shown elsewhere as P.G. Kiselev)

1. Channels--Mathematical analysis 2. Hydraulics--Methods--Applications

Card 2/2

SUPOLKIN, G.A.

Problem of hydraulic resistance in the transition range. Dokl. AN
Tadzh. SSR 1 no.2:23-25 '58. (MIRA 12:1)

1.Tadzhikskiy sel'skokhozyaystvennyy institut. Predstavlene chlenom-
korrespondentem AN Tadzhikskoy SSR V.A. Starikovym.
(Aerodynamics)

SUPOLKIN, G.A.

Hydraulic resistance of steel and cast iron pipes. Dokl. AN Tadzh.
SSR 1 no.3:27-33 '58 (MIRA 13:3)

1. Institut vodnykh problem AN Tadzhikskoy SSR. Predstavлено
членом-корреспондентом AN Tadzhikskoy SSR V. A. Starikovym.
(Hydraulics) (Pipe)

SUPOLKIN, G.A.

Equivalent roughness of steel and cast iron pipe. Dokl.An.Tadzh.
SSR 1 no.4:23-26 '58. (MIRA 13:4)

1. Institut vodnykh problem AN Tadzhikskoy SSR. Predstavлено
членом-корреспондентом AN Tadzhikskoy SSR V.A. Starikovym.
(Pipe)

SUPOLKIN, G.A.

A universal formula for the coefficient of hydraulic friction.
Dokl. Akad. Nauk Tadzh. SSR 2 no. 5:19-22 '59. (MIRA 13:12)

1. Tadzhikskiy sel'skokhozyaystvennyy institut. Predstavлено
членом-корреспондентом АН Таджикской ССР В.А. Стариковым.
(Friction) (Hydrodynamics)

SUPOLKIN, G. A.

Cand Tech Sci - (diss) "Pre-quadratic area of hydraulic resistance of pipelines." Leningrad, 1960. 14 pp; (Leningrad Polytechnic Inst imeni M. I. Kalinin); 150 copies; price not given; (KL, 7-61 sup, 246)

SUPOIKIN, G.A.

Hydraulic resistance of pipe conduits in the prequadratic region.
Part 1. Existing formulae for the prequadratic region; Izv. Otd.
geol.-khim. i tekhn. nauk AN Tadzh. SSR No.1:31-40 '61.
(MIRA 14:9)

I. Tadzhikskiy sel'skokhozyaystvennyy institut.
(Hydraulic conveying)

SUPONEV, B.

Valja Petrishcheva says: "My gift to the Congress is my work."
(MRA 14:11)
Tekh.mol. 29 no.8:9 '61.
(Moscow—Cotton manufacture—Labor productivity)

SUPONEV, B., inzh.

Step-by-step motor. Tekh.mol. 29 no.11:18 '61. (MIRA 14:11)
(Electric motors)

SUPONEV, B.

Canal above the earth brings life to deserts. Tekh. mol. 29
(MIRA 15:1)
no.12:18-19 '61.
(Golodnaya Steppe—Aqueducts)

SUPONEV, L.

Lighting equipment. Za rul. 19 no.11:25 N '61.
(MIRA 14:12)

1. Glavnyy inzhener zavoda "Krasnyy Oktyabr'".
(Automobiles--Lighting)

SEARCHED
SERIALIZED
INDEXED
FILED

PROCESSED AND APPROVED FOR RELEASE

100 AND 100 DEGREES

114

The effect of hydrochloric acid on the variation of the intermediary nitrogen metabolism in experimental lead poisoning. F. M. SUPONITZKA. *Trans. materialy Československého Inst. pat.* 6, 23) 61 (1928); *Ber. ges. Physiol. exp. Pharmakol.* 49, 830. — In dogs with Pb poisoning the blood N showed intermediate changes although the total N was unchanged; there was an increase in urea. The administration of HCl increased the resistance of the dogs against relatively large doses of Pb and lengthened the duration of life. HCl also reduced the urea.

R. C. WILLSON

ASQ SLA METALLURGICAL LITERATURE CLASSIFICATION

100-117-02-14

100-117-02-14

SUPONITSKAYA, F.M.

AYVAZIAN, A.I., SUPONITSKAYA, F.M., LEITRS, S.M., KAYBANOV, G.S.

Mikhail Mikhailovich Pavlov. Pat, fiziol. i eksp. terap. 2 no.3
63-64 My-Je '58 (MIRA 11:?)
(PAVLOV, MIKHAIL MIKHAILOVICH, 1883-)

SUPONITSKAYA, NYA

DISSEMINATION AND PROPAGATION FORM

Some data concerning the pathophysiological characteristics of fever. I. Water balance in the first hours. M. SUPONITSKAYA. *Zhurnal exp. Biol. Med.* 11, 41-53 (1929). During the first hours of fever water migrates from the blood into the tissues, although the excretory power is unaffected. This is associated with an alteration in the swelling capacity of the tissues which takes up more water from fever blood than normal tissues. As regards the absorption of water the tissues form the following series: spleen < liver < muscle < connective tissue < kidney, which reveals the inverse ratio of swelling to the water content of the organs. II. Distribution of chlorides in the organism during the first hours of fever. *Ibid* 34 (2). - Fever of whatever origin causes in the first hrs. a considerable rise of Cl in the blood and 1 hr later its migration into the tissues. The Cl apparently is mobilized from its depots and is stored in the organs affected by the fever. The ability of the kidney to excrete Cl is not much changed and cannot explain the retention of Cl in the organism. S. MONGULIS

118

Svet. RASKINA, L. A.: "Liquor-graphic investigations of patients with late results of injuries to the spinal cord." Min health RSFSR.
Saratov State Medical Inst. Saratov, 1956. (Dissertation for the
Degree of Candidate in Medical Sciences.)

Knizhnaja Litopis', No. 39, 1956. Moscow.

USSR/Human and Animal Physiology. The Nervous System

T-12

Obs Jour : Ref zhur - Biol., No 14, 1958, № 65617

Author : Ugryumov V.M., Suponitskaya M.I., Shtekhter S. Ye.,
Mityashin P.D., ~~Maximov V.P.~~

Inst : -

Title : A New Method for Measuring the Pressure of the Cerebrospinal
Fluid

Orig Pub : Vopr. nevrokhirurgii, 1957, № 3, 52-55

Abstract : A compensation principle for measuring the pressure of the cerebrospinal fluid is proposed. An elastic membrane divides a compensator receiver into two chambers. One of them communicates with a needle, and the other with an inflatable balloon, a manometer and an outlet orifice. When the air pressure is turned on, the membrane is deflected from the outlet orifice, and the starting pressure is established in the chamber. The dynamics of the pressure in the air chamber correspond to the fluctuations of the pressure being measured, and are determined by the manometer

Card : 1/2

SUTCHITSKAYA, M.A., kand. med. nauk; GOR'KOVA, A.V. (Saratov, ul. Nekrasova,
d.28, kv.3)

Some indices of biological evaluation of skin homografts preserved
by various methods. Ortop., travm. i protez. 25 no.6:66 Je '64.
(MIRA 18:3)
I. iz Saratovskogo instituta travmatologii i ortopedii (dir. -
docent Ya.N. Rodin).

Surenitskaya, V. M. and Korotich, A. S.

Material concerning the spread of brucellosis in the Ukrainian SSR.

Materialy nauchnykh konferentsii, Kiev, 1959. 288pp
(Kievskiy Nauchno-issledovatel'skiy Institut Epidemiologii i Mikrobiologii)

KOROTICH, A.S.; NETREBKO, I.D.; SUPONITSKAYA, V.M.

Ways of eliminating anthrax. Prach.delo no.12:1303-1304 D '59.
(MIRA 13:5)

1. Kiyevskiy nauchno-issledovatel'skiy institut epidemiologii i
mikrobiologii.

(ANTHRAX)

SUPONITSKAYA, V.M., mladshiy nauchnyy sotrudnik

Bactericidal properties of blood serum in typhoid fever.
Vrach. delo no.11:90-93 N°63 (MIRA 16:12)

1. Kiyevskiy nauchno-issledovatel'skiy institut epidemiologii
i mikrobiologii.

SUPONITSKAYA, V.M.

Bactericidal factors of the blood serum. Report No.1: Bactericidal factors of the serum of normal animals and healthy persons. Zhur. mikrobiol., epid. i immun. 41 no.11:107-111 '65. (MIRA 18:5)

1. Kiyevskiy institut epidemiologii i mikrobiologii.

~~CONFIDENTIAL~~

Chemical factors of the blood serum. Report No.2: Bactericidal properties of sera from animals infected with *Salmonella typhosa*.
U.S. Mikrobiol., epid. i imman. 42 no.1:31-36 Ja 65.

(MIRA 18:6)

I. slyvskiy institut epidemiologii i mikrobiologii.

SUPONITSKAYA, Yu.

The concern of trade-union organizations for women workers. Sov.
profsoiuzy 3 no.3:46-48 Mr '55. (MIRA 8:4)

1. Zamestitel' predsedatelya fabrichnogo komiteta profsoyuza Tash-
kentskogo tekstil'nogo kombinata im. Stalina.
(Tashkent--Textile workers) (Tashkent--Trade unions)

Suponitskiy A.M.

AUTHOR: Suponitskiy, A. M. (Moscow)

24-10-18/26

TITLE: On the potential flow of an incompressible liquid through
a circular plate lattice. (O potentsial'nom techenii
neszhimayemoy zhidkosti cherez krugovuyu reshetku plastin)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh
Nauk, 1957, No.10, pp. 95-98 (USSR)

ABSTRACT: The flow through a plate lattice as a function of the
plate angles Θ was investigated by Vojtashevskiy, D.A.
(Ref.2) by means of conformal mapping using numerical
methods. In this paper the problem is solved analytically.
The solution of the problem of the flow in circular
lattices can be reduced to solving a singular integral
equation of Fredholm of the first type relative to the
density of vortices located along the contour of a blade
profile. A solution is described of the integral equation
for the plate lattice. Following the method of
M. A. Lavrent'yev, M.A. (Ref.3), the core and the free term
are developed in series, then the equations are re-written
according to the degrees of the small parameter and a
solution is sought of the equation in the form of a series
based on the powers of this parameter. The initial
equation is substituted by an infinite system of integral

Card 1/2

31305
S/124/61/000/010/040/056
D251/D301

11,6200

AUTHOR:

Suponitskiy, A.M.

TITLE:

On calculating the velocity of transfer of material
in a streaming flow of liquid in the presence of
heterogeneous chemical reactions with compound
kinetics

PERIODICAL:

Referativnyy zhurnal. Mekhanika, no. 10, 1961, 92,
abstract 10 B644 (Zh. prikl. mekhan. i tekhn. fiz.,
1960, no. 2, 74-77)

TEXT: The velocity of transfer of material on a surface
of arbitrary form is found in the general approximation of convec-
tive diffusion and streamline flow. The general case is considered,
where the reaction on the surface is subject to compound kinetics.
An exact expression is given for the flow on the part of the surface
lying in the neighborhood of the front critical point of the sphere
with independence from the coordinate along the surface of the nor-



Card 1/2

On calculating the velocity...

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D251/D301

mal component of velocity. By the method of expansion as a series in the parameter an expression is obtained for the concentration, while any term in the expansion may be found either in the form of a quadrature or as the solution of a system of integral equations. In the primary case of first order chemical reactions on a plate, the expression obtained coincides with the well-known exact solution. Abstracter's note: Complete translation

Card 2/2

X

SUPONITSKIY, A.M. (Moskva)

Approximate calculation of the rate of mass transfer in laminar liquid flow in the case of heterogeneous chemical reactions obeying different kinetic laws. PMTF no.5:115-117 S-0 '61.
(MIRA 14:12)

(Mass transfer)
(Laminar flow)
(Chemical reaction, Rate of)

S/207/62/000/002/014/015
D237/D302

AUTHOR: Suponitskiy, A. M. (Moscow)

TITLE: Thermal diffusion in the laminar flow of an incompressible viscous fluid for large Prandtl numbers

PERIODICAL: Zhurnal prikladnoy mekhaniki i tekhnicheskoy fiziki,
no. 2, 1962, 126-128

TEXT: The flow of substance in a molecular diffusion process depends not only on the concentration gradient, but also on the temperature gradient. The author considers a flow of viscous fluid around a body, whose temperature differs from the stream temperature. A temperature boundary layer is formed near the body, which changes the distribution of the substance there. Making various simplifying assumptions, the author solves an axially-symmetrical thermal diffusion problem in the fluid flow, induced by an infinite rotating disc, and a problem of thermal diffusion near the front critical point of the streamlined body. The solution obtained is in the form of a series. The author expresses his gratitude to G. ✓A

Card 1/2

S/207/62/000/002/014/015
D237/D302

Thermal diffusion in ...

I. Barenblatt for proposing the problem and for advice. There are 4 references: 2 Soviet-bloc and 2 non-Soviet-bloc. The references to the English-language publications read as follows: V. C. Liu, Quart. J. Mech. and Appl. Math., 1959, v. 12, part 1; M. J. Lighthill, Proc. Roy. Soc., 1950, v. 202, S. A., no. 1070.

SUBMITTED: December 27, 1961

/A

Card 2/2

L 17034-62EPF(c)/EWT(m)/BDS Pr-4 RM/NW
S/207/63/000/002/010/025

56

AUTHOR: Suponitskiy, A. M. (Moscow)TITLE: Automodel problem of the convective diffusion in presence of heterogeneous chemical reactions with mixed kineticsPERIODICAL: Zhurnal prikladnoy mehaniki i tekhnicheskoy fiziki, no. 2,
1963, 93-99

TEXT: The calculation of the transfer of material towards the surface during heterogeneous reactions with mixed kinetics occurs, e.g., when a laminar flow of viscous incompressible fluid containing a certain substance A flows around a body with a chemically active surface along which occurs such a heterogeneous chemical reaction of the substance A with the material of which the surface is made. Such a problem is of considerable interest in various branches of physico-chemical hydrodynamics (the passage of currents through electrolytes, the theory of heterogeneous combustion, etc.). Because of the mathematical complexity of the problem under consideration, flows allowing an automodel solution are of particular interest. V. G. Levich (Ref. 1: Fiziko-khimicheskaya gidrodinamika [Physico-chemical hydrodynamics], M., Fizmatgiz, 1959) solved such an automodel problem

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S/207/63/000/002/010/025

O

Automodel problem of the convective diffusion...

of matter transfer towards a chemically active surface of a disc rotating in a liquid, while the author of the present article indicated the class of solutions (Ref. 2: A. M. Suponitskiy, PMTF, 1960, No. 2) for which one can find the automodel solution of the problem of convective diffusion during the above-mentioned reactions and investigated the problem of the matter transfer velocity towards the forward critical point on a sphere within a flow. The present paper continues the investigation of further possible automodel problems and begins with the calculation of matter transfer velocities along an infinite (in both directions) plane located in a flow of viscous liquid. The automodel solutions for this case depend on the coordinate normal to the reacting surface. Next, the author studies the plane-parallel flow of viscous incompressible liquid having a critical point and concludes that the problem can be reformulated as the problem of the evaluation of the matter transfer speed towards the surface of the body near the forward critical point. He also investigates the axially symmetric flow around a plate oriented perpendicularly to the flow, and, finally, generalizes the previously obtained solutions taking into account the variations in the rheological characteristics of the fluid due to the changes in boundary conditions.

SUBMITTED: November 30, 1962

Card 2/2

S/0207/63/000/005/0048/0053

ACCESSION NR: AP3014920

AUTHOR: Suponitskiy, A. M. (Moscow)

TITLE: Calculating thermal diffusion in a laminar viscous flow at moderate thermal and diffusional Prandtl numbers

SOURCE: Zhurnal prikl. mekhaniki i tekhn. fiziki, no. 5, 1963, 48-53

TOPIC TAGS: thermal fluid diffusion, laminar boundary layer, laminar viscous flow, flow about wedge, mass transfer mechanism, boundary layer theory

ABSTRACT: The problem of thermal diffusion separation at moderate thermal and diffusional Prandtl numbers ($P \geq 1$, $P_1 \geq 1$ respectively) in a forced viscous flow has been analyzed. The analysis starts with plane laminar flow over a wedge. The assumption is made that the presence of heterogeneous matter in the flow does not disturb the hydrodynamics of the problem and that the concentration c_0 , fluid temperature T_0 and body surface temperature T_1 are constant. Thermal diffusion is represented by $\frac{\partial c}{\partial x} = -P D \left[\frac{\partial c}{\partial y} + \epsilon c(1-c) \frac{\partial T}{\partial y} \right]$. A solution is presented for a series expansion in ϵ in terms of a small parameter ϵ , thus $c(\eta) = c_0(\eta) + \epsilon c_1(\eta) + \dots$

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ACCESSION NR: AP3014920

where η - boundary layer coordinate. The analysis is extended to the case of flow at the front stagnation point of a rotating disk. Finally, the thermodiffusion effect in forced flow is discussed on the basis of some hypotheses on the structure of the thermal diffusion boundary layer and similarity considerations, explaining the results of the above solutions. "The author is grateful to G. I. Barenblatt for his help." Orig. art. has: 30 equations.

ASSOCIATION: none

SUBMITTED: 13Jun63

DATE ACQ: 27Nov63

ENCL: 00

SUB CODE: AS

NO REF Sov: 003

OTHER: 002

Card 2/2.

S:310

S/103/60/021/012/003/007
B012/B064

9,2560 (1024, 1159, 1154)

AUTHORS: Suponitskiy, A. P., Urin, V. D. (Moscow)

TITLE: Relay Circuits With Transistors

PERIODICAL: Avtomatika i telemekhanika, 1960, Vol. 21, No. 12,
pp. 1595-1600

TEXT: The present paper describes relay circuits with transistors and a diode inverter at the input. Relay circuits comparing the voltage U_1 produced by the measuring circuit with a given voltage U_2 are treated. Figs. 1 and 2 show two variants of it. In circuits without non-linear elements both are equivalent. In the second variant it is easy to introduce valves. This circuit protects the transistor against overvoltages on the emitter base junction and against overloading. It is shown that in the second circuit (Fig. 2) the mentioned protective properties allow a much freer choice of the parameters. This circuit was also used for experimental tests. The two kinds of bistable static relay circuits with

Card 1/6

can be applied to both

The disadvantage of this thermal

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Relay Circuits With Transistors

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stabilization is that it can only be used in the presence of a highohmic potentiometer. It is pointed out that the thermal stabilization of the relay with transistors by means of diodes is absolutely effective in a small range of temperature change.

Legend to Fig. 2: 1) $R_{overload}$, 2) R_{base}

Legend to Fig. 3: 1) $R_{control}$, 2) $R_{feedback}$

Legend to Fig. 5: 1) $R_{overload}$, 0M - ohm, KM - kiloohm

Legend to Fig. 6: 1 - ohm, KM - kiloohm, MM - milliohm.
There are 7 figures and 2 Soviet references.

SUBMITTED: May 30, 1960

VX

Card 3/6

SUPONITSKIY, B.S.

New price list on electric power and some problems concerning
the construction of a system of rates. Prom. energ. 19
no.1:6-10 Ja '64. (MIRA 17:2)

SUPONITSKIY, B.S.

Computation of electric power costs with block stations.
Prom. energ. 20 no.1:57 Ja '65. (MIRA 18:4)

SUPONITSKII, M.B., inzh., red.; PEVZNER, A.S., red. izd-va; TOKER, A.M., tekhn.
red.

[Manual of consolidated indices of the cost of planning and research]
Spravochnik ukrupnennykh pokazatelei stoimosti proektaykh i izysh-
tel'skikh rabot. Vvoditsia v deistvie s 1 ianvaria 1958 g. Pt.30.
[Production and auxiliary sections, buildings, and structures] Pro-
izvodstvenno-vspomogatel'nye tsekh, zdaniia i sooruzheniya. Moskva,
Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam. 1957.
(MIRA 11:8)
19 p.

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva.
(Industry)

SUPONITSKIY, M.B., inzh., red.; MUNITS, A.P., red. izd-va.; MEL'NICHENKO,
F.P., tekhn. red.

[Uniform output norms for planning and prospecting work paid
by the job; general part] Edinyye normy vyrabotki na proektnye
i izyskatel'skie raboty, oplichivaemye sdel'no; obshchaisa chast'.
Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit. materialam,
1958. 16 p. (MIRA 11:11)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam
stroitel'stva.

(Construction industry)
(Engineering)

SUPONITSKIY, M.B., inzh., red.; MUNITS, A.P., red.; GILENSEN, P.G., tekhn.red.

[Production norms for planning and survey work paid for according to a piece-rate system] Normy vyrabotki na proektnye i izyskatel'skie raboty, oplachivayemye sdel'no. Pt.32. [Nonstandardized equipment] Nestandardnoe i netipovoe oborudovanie. Moskva, Gos. izd-vo lit-ry po stroit., arkhit. i stroit.materialam. 1958.
73 p. (MIRA 12:3)

1. Russia (1923- U.S.S.R.) Gosudarstvennyy komitet po delam stroitel'stva.
(Russia--Industries) (Production standards)

SUPONITSKIY, M. Ya.

Suponitskiy, M. Ya. "Immediate tasks of the industrial sanitation physicians of the Ukraine," Vracheb. delo, 1949, No. 2, columns 105-10

SC: U-3566, 15 March 53, (Letopis 'Zhurnal 'nykh Statey, No. 14, 1949).

SUPONITSKII, M. YA.

PA 59/49T51

USSR/Medicine - Medical Societies Mar 49

Medicine - Hygiene and Sanitation

"The Fifth Ukrainian Congress of Hygienists, Epidemiologists, Microbiologists, and Infectionists," M. Ya. Suponitskiy, 4½ pp

"GIG 1 San", No 3

Conference was held in Kiev 30 Sep - 6 Oct 48. Introductory report reviewed work of Ukrainian Sanitation Orgn followed by a voluminous report, "Public Health and Sanitation Organization in the Ukraine." Briefly describes a large number of other reports. After the conference, elections were held. A. N. Marzeyev was elected chairman of the Ukrainian Soc of Hygienists,
59/49T51

USSR/Medicine - Medical (Contd) Mar 49
Societies

while V. G. Drobot'ko was elected chairman of the Soc of Epidemiologists, Microbiologists and Infectionists.

59/49T51

30913. SUPONITSKIY, M. Ya.

rol' vracha v kul'ture truda na predpriyatiyah. Vrachet. delo, 1949,
No. 10, stb. 943-44.

SUPONITS'KYI, M.Ya.; GOROKHOD, L.L.

[Hygiene in dairies of collective and state farms] Higiiena pratsi
na molochnykh fermakh kolhospiv i radhospiv. Kyiv, Dersh. med.
vyd-vo URSS, 1955. 111 p. (Biblioteka likaria, 30) (MLRA 10:2)
(DAIRYING--HYGIENIC ASPECTS)

SUPONITSKIY, M.Ya., redaktor; LOKHMATYY, Ye.G., tekhnicheskiy redaktor

[Abstracts of reports on work hygiene and physiology; scientific session of the institute] Avtoreferaty dokladov po gигиене и физиологии труда; научная сессия института. Киев, Гос. мед. изд-во USSR, 1956. 201 p. (MLRA 10:5)

1. Kiyev. Nauchno-issledovatel'skiy institut gigiyeny truda i profzabolevaniy.

(INDUSTRIAL HYGIENE) (OCCUPATIONAL DISEASES)

SUPONITSKIY, M.Ya., kandidat meditsinskikh nauk; SHLYUFMAN, F.I., kandidat meditsinskikh nauk.

Sanitary and hygienic rating of working conditions in shoe factories with a production line. Vrach. delo no.3:283-287 Mr '57
(MLRA 10:5)

1. Kiyevskiy institut gigiyeny truda i professional'nykh zabolеваний.
(SHOW INDUSTRY--HYGIENIC ASPECTS)

SUPONITSKIY, M.Ya., kand.med.nauk, BORISOVETS, L.P.

Role of certain production of factors in morbidity with temporary
disability at an iron and steel plant. Vrach.delo no.10:1079-1081
0 '58
(MIRA 11:11)

1. Kiyevskiy institut gigiyeny truda i professional'nykh zabolеваний.
(IRON AND STEEL WORKERS--DISEASES AND HYGIENE)

SUPONITSKIY, M.Ya., kand.med.nauk

Result of preliminary sanitary inspection in the Ukrainian S.S.R.
Gig. i san. 23 no.4:37-45 Ap '58. (MIRA 11:6)

1. Iz Sanitarno-epidemiologicheskogo upravleniya Ministerstva
zdravookhraneniya USSR.
(SANITATION
in Russia, progr. (Rus))

"...from the C.I.A. and its intelligence agency."

Source: National Security Agency, National Cryptologic Museum, Fort Meade, Maryland
Date: 1969.

SUPONITSKIY, M.Ya.

"From the history of the campaign for industrial hygiene in tsarist Russia" by G.A. Beilikhis. Reviewed by M.IA. Suponitskii. Gig.truda i prof.zab. 3 no.5:57-58 S-0 '59. (MIRA 13:2)
(INDUSTRIAL HYGIENE)
(BEILIKHIS, G.A.)

KALYUZHNYY, D.N., prof.; SUPONITSKIY, M.Ya., kand. med. nauk (Kiyev)

Problems of hygiene in connection with the seven-year plan for the development of the chemical industry. Vrach. delo no. 4:407-411 Ap '59.
(CHEMICAL INDUSTRY--HYGIENIC ASPECTS) (MIRA 12:7)

KHOTSIANOV, L.K.; MATSAK, V.G.; DITERIKHS, D.D.; ISAEV, N.S.; SUPONITSKIY, M.Ya.,
kand.med.nauk

"Hygienic principles of industrial ventilation and its operation"
by L.K.Khotsianov and others. Gig.i san. 24 no.8:86-87 Ag '59.
(MIRA 12:11)

(VENTILATION) (KHOTSIANOV, L.K.)

SUPONITSKIY, M.Ya., kand.med.nauk

Some problems in labor hygiene in the tobacco industry. Vrach,
delo no.2:169-171 P '60. (MIRA 13:6)

1. Kiyevskiy institut gigiyeny truda i professional'nykh zabolеваний.

(TOBACCO INDUSTRY--HYGIENIC ASPECTS)

SUPONITSKIY, M.Ya., kand.meditinskikh nauk

Incidence of disease among workers with temporary disability.
Zdrav. Belor. 6 no.6:27-29 Je '60. (MIRA 13:8)

1. Iz Kiyevskogo nauchno-issledovatel'skogo instituta gigiyeny
truda i profzabolevaniy.
(DISEASES—REPORTING) (DISABILITY EVALUATION)

SUPONITSKIY, M.Ya.; CHERANOVA, O.V.

Some problems of industrial hygiene in the food industry. Vop.
pit. 19 no. 6:51-54 N-D '60. (MIRA 13:10)

1. Iz Kiyevskogo nauchno-issledovatel'skogo instituta gigiyeny
truda i profzabolevaniy.
(FOOD INDUSTRY—HYGIENIC ASPECTS)

SUPONITSKIY, M.Ya., kand.med.nauk

Sixth Congress of Hygienists, Epidemiologists, Microbiologists
and Specialists in Infectious diseases of the Ukrainian S.S.R.
Gig. i san. 25 no. 5:103-106 My '60. (MIRA 13:10)
(EPIDEMIOLOGY-CONGRESSES)

SUPONITSKIY, M.Ya., kand.meditinskikh nauk; BORISOVETS, L.F.

Disease with temporary loss of working capacity in workers in ferrous metallurgy. Sov.med. 25 no.8:128-130 Ag '60. (MIRA 13:9)

1. Iz Kiievskogo nauchno-issledovatel'skogo instituta gigiyeny truda i profzabolevaniy.
(STEEL INDUSTRY—HYGIENIC ASPECTS)

KALYUZHNYY, Denis Nikolayevich, prof.; Prinimal uchastiye FRIDMAN,
Ye.L., inzh.; SUPONITSKIY, M.Ya., red.; GITSHTEYN, A.D.,
tekhn. red.

[Protection of the air from contamination by discharges from
ferrous metallurgical plants] Sanitarnaia okhrana atmosfernogo
vozdukha ot vybrosov predpriatii chernoi metallurgii. Pri
uchastii E.L.Fridmana. Kiev, Gosmedizdat USSR, 1961. 180 p.
(MIRA 15:7)

(Air—Pollution) (Iron and steel plants)

SUPONITSKIY, M.Ya.; SHLEYFMAN, F.M. (Kiiev)

Problems of industrial hygiene in sugar refining plants. Gig.
truda i prof.zab. no.11:3-7 '61. (MIRA 14:11)

1. Kiievs'kiy nauchno-issledovatel'skiy institut gigiyeny truda
i profzabolevaniy.
(SUGAR INDUSTRY--HYGIENIC ASPECTS)

KALYUZHNYY, D.N., prof., otv. red.; ALEKSEYENKO, I.P., red.;
LAKHNO, Ye.S., red.; MEDVED', L.I., red.; STOVBUN, A.T.,
red.; SUPONITSKIY, M.Ya., red.; MARINSKAYA, A.L., tekhn.
red.

[Problems of rural hygiene] Voprosy gigieny sela; sbornik
dokladov. Pod red. D.N.Kaliuzhnogo. Kiev, Gosmedizdat
USSR, 1962. 241 p. (MIRA 16:12)

1. Vsesoyuznaya konferentsiya po probleme "Gigiyena sela."
lst. 2. Chlen-korrespondent AN SSSR i Ukrainskiy nauchno-
issledovatel'skiy institut communal'noy gigiyery (for
Kalyuzhnyy). 3. 3. Ukrainskiy nauchno-issledovatel'skiy in-
stitut ortopedii i travmatologii (for Alekseyenko).
(PUBLIC HEALTH, RURAL)

SUPONITSKIY, M. Ya., kand. med. nauk; SHLEYFMAN, F. M.

Industrial factors and diseases incidence with temporary loss
of working capacity among workers in sugar refineries. Vrach.
delo no.3:124-128 Mr '62. (MIRA 15:7)

1. Kiyevskiy institut gigiyeny truda i profzabolevaniy.

(SUGAR REFINERY WORKERS--DISEASES AND HYGIENE)

BARANNIK, P.I., red.; BARCHENKO, I.P., red.; GABOVICH, R.D., red.;
KAGAN, S.S., red.; KALYUZHNYI, D.N., red.; KRIVOGLAZ, B.A.,
red.; POZNANSKIY, S.S., red.; SUPONITSKIY, M.Ya., red.;
TRAKHTENBERG, I.M., red.; SHAKHMAZIAN, G.M., red.; SHMAL',
D.D., red.; OSETROV, V.I., red.; CHUCHUPAK, V.D., tekhn.red.

[Problems of general and specialized hygiene] Voprosy obshchey
i chastnoi gigieny. Kiev, Gosmedizdat USSR, 1963. 308 p.
(MIRA 16:10)

1. Ukraine. Ministerstvo zdravookhranenia.
(PUBLIC HEALTH)

SUPONITSKIY, M.Ya., kand.med. nauk; KUCHER, N.V.

Morbidity with temporary loss of work capacity in industry
in the Ukraine and ways for its reduction. Vrach. delo no.8:
97-101 Ag'63. (MIRA 16:9)

1. Kiievskiy institut gigiyeny truda i professional'nykh
zabolevaniy i Ministerstvo zdravookhraneniya UkrSSR.
(UKRAINE--DISABILITY EVALUATION)

MEDVED', L.I., prof., etv. red.; YEVINSKIY, G.I., dots., sam. etv. red.; KUNLIYEV, Yu.I., dots., red.; KRIVOGLAZ, A.A., prof. red.; NOVITSKIY, V.K., prof., red.; SUGONITSKIY, M.Ya., dots., red.; SHAKHRAZIYAN, G.Kh., prof., red.

[Industrial hygiene; interdepartmental collection of scientific papers] Gigiena truda; nezvezdomstvennyi sbornik zamechnykh rabeot. Kiev, Zapor'ya, 1964. 268 p.
(MIRA 18:3)

i. Kiev. Institut gigiyeny truda i professional'nykh zabolеваний. D.Klyevskiy institut gigiyeny truda i profesional'nykh zabolеваний (for Medved', Krivoglas).

PROKOF'YEV, Vasiliy Platonovich; SUPCNITSKIY, M.Ya., dote., kand.
med. nauk, retsenzent; STREMLINA, S.M., retsenzent; MEDOKS,
T.S., retsenzent; VUL'FOVICH, V.O., spets. red.; RAUBE, P.V.,
inzh., spets. red.; FUKS, V.K., red.

[Industrial sanitation in food industry enterprises] Proiz-
vodstvennaia sanitariia na predpriatiiakh pishchevoi pro-
myshlennosti. Moskva, Pishchevaia promyshlennost', 1964.
295 p.
(MIRA 18:3)

SUFONINSKIY, M.Ya., kand.med.nauk; SHLYFMAN, F.M., kand.med.nauk,
TURCHIK, Ye.P., inzh.

Improve working conditions in structural glass plants. Stek. i
ker. 21 no.9:16-20 S '64. (MTPA 18:4)

1. K'yevskiy nauchno-issledovatel'skiy institut g'igieny truda
i professional'nykh zabolеваний.

S/114/63/000/003/003/005
E191/E435

AUTHOR: Suponitskiy, N.Z., Engineer

TITLE: Determination of the deflection of a tooth in the firtree type root fixing of turbine blades in the elastoplastic region

PERIODICAL: Energomashinostroyeniye, no.3, 1963, 16-20

TEXT: In the elastic region, the deflection of a tooth in the firtree type root fixing of a turbine blade can be determined by the "plane section" or the "broken section" assumptions, the latter yielding about 15 to 20% larger deflections. Both methods can be extended into the elastoplastic range. The "broken section" method is used in the present paper based on observations of deformations in a rubber model. The forces on the tooth are replaced by a concentrated force applied to the center of the contact surface. Equating the moments of the internal and external forces about the center point, a system of equations is derived which can be solved by successive approximations. The problem is reduced to that in the elastic region by the use of coefficients appropriate to the stress condition. The first approximation assumes elastic conditions. The resulting strain
Card 1/2

Determination of the deflection ... S/114/63/000/003/003/005
E191/E455

determines the coefficients for the next approximation. The process is repeated until two consecutive approximations coincide. It is shown how the displacements can be derived from the stress distribution by the generalized Castigliani theorem. As an example, the problem of the distribution of load between the teeth of a firtree root during the creep process is examined. The creep relationship between the strain and the stress contains a term with a power of the stress multiplied by a coefficient which is a function of time. There are 5 figures and 2 tables.

Card 2/2

SURONITSKIY, N.Z., inzh.

Determination of the cavitation of the prong of the blade
root connection of Christmas-tree dovetail turbine blades
in the resilient pliable region. Inergomashinostroenie 9
no.3:16-20 Mr'63. (MIRA 17:5)

SUPONITSKIY, N.Z., inzh.

Choice of tolerances for a fir-tree dovetail blade connection of a gas turbine. Energomashinostroenie 9 no.12:29-31 D '63. (MIRA 17:1)

~~SUPONITSKIY, Samuil Abramovich; PYREPKLITSKAYA, A., redaktor; ROZEN, E.,~~
~~tekhnicheskiy redaktor~~

[The sixth five-year plan for developing the national economy of
the U.S.S.R.] Shestoi piatiletnii plan razvitiia narodnogo khozai-
stva SSSR. Moskva, Gos. izd-vo kul'turno-prosvetitel'noi lit-ry,
1956. 68 p. (Bibliotekha v pomoshch' lektoru, no.17) (MLRA 9:8)
(Russia--Economic policy)

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OSNOVNIYAYA EKO NICHES KAYA ZADACHA SSSR (PRINCIPAL ECONOMIC PROBLEMS
IN THE USSR) - MOSKVA, MOSKOVSKIY RAVDINT, 1956. 95 p. ILLUS., TABLES.

NAGAVITSYN, Mikhail Timofeyevich, kandidat ekonomicheskikh nauk;
SUPONITSKIY, S.A., redaktor; USHOMIRSKIY, M.Ya., redaktor izdatel'-
stva; SHLYK, M.D., tekhnicheskiy redaktor

[Reproduction of gross national capital; lecture material for the
course "Political economy"] Vosproizvodstvo obshchestvennogo kapitala.
Materialy k lektsii po kursu politicheskoy ekonomii. Moskva, Gos.
izd-vo "Sovetskaya nauka," 1957. 42 p. (MLRA 10:9)
(Capital)

AZAROVA, Mariya Maksimovna; SUPONITSKII, S.A., red.; SATIROVA, O.A., red.
izd-va; YEMAKOV, M.S., tekhn. red.

[Capital and surplus value] Kapital i pribavochnaja stoimost';
lektssi po kursu politicheskoi ekonomii. [Moskva] Izd-vo Mosk.
univ., 1958. 62 p. (MIRA 1147)
(Capital) (Profit) (Labor economics)

OSAD'KO, Mikhail Petrovich; SUPONITSKIY, S.A., kand. ekon. nauk, red.;
FILIPPOV, L.A., red.; GUR'YANOV, V.P., tekhn. red.

[Socialist system of agriculture; from a course of lectures on the
political economy of socialism] Sotsialisticheskaya sistema sel'sko-
gospodstva; iz kursa lektsii po politicheskoi ekonomii
sotsializma, [Moskva] Izd-vo Mosk. univ., 1958. 91 p. (MIREA 11:9)
(Agriculture)

SUPONITSKIY, Samuil Abramovich; GRINGAUZ, S., red.; LIL'YE, A., tekhn.red.

[United States of America in its true colors] Soedinennye Shtaty
Ameriki bez prikras. Moskovskii rabochii, 1958. 178 p.
(United States) (MIRA 12:1)

SUPONITSKIY, Samuil Abramovich, kand.ekonom.nauk; KOMAROVA, T.P., red.;
ATROSHCHENKO, L.Ye., tekhn.red.

[Myth of "People's capitalism" and American reality] Mif o
"Narodnom kapitalizme" i amerikanskaja deistvitel'nost'.
Moskva, Izd-vo "Znanie," 1959. 46 p. (Vsesociuznoe obshchestvo
po rasprostraneniju politicheskikh i nauchnykh znanii. Ser.3,
Ekonomika, no.25) (MIRA 12:8)
(United States—Economic conditions)

SUPONITSKIY, Samuil Abramovich; AGAMBEGYAN, Abel Gezovich; KOZLOV,
Aleksey Petrovich; KNYAZEV, F.P., red.; GEORGIYEVA, G.I.,
tekhn.red.

[The seven-year plan as a decisive stage in the contest
between the two systems] Semiletnii plan - reshaiushchii
etap sorevnovaniia dvukh sistem. Moskva, Izd-vo Mosk.univ.,
1959. 113 p. (MIRA 13:4)
(Russia--Economic policy)

SUPONITSKIY, S., kand.ekonom.nauk; LEONT'YEV, L.A., red.; MYASOEDOV, B.,
red.; SHLYK, M., tekhn.red.

[What are the public consumption funds] Chto soboi predstavliaiut
obshchestvennye fondy potrebleniia. Pod obshchei red. L.A.Leon-
t'eva. Moskva, Mosk.rabochii, 1961. 49 p. (MIRA 14:12)

1. Chlen-korrespondent AM SSSR (for Leont'yev).
(Finance)

SUPONITSKIY, Samuil Abramovich; DROKHANOVA, Ye.N., red.; YELAGIN, A.S.,
tekhn. red.

[Outstripping time] Operezhaia vremia. Moskva, Izd-vo "Sovet-
skaia Rossia," 1961. 141 p. (MIRA 14:8)
(Russia--Economic policy)

GAMMAN, I.; SUPONITSKIY, Z.

Unit for manufacturing and conveying gypsum-sawdust cement.
Stroitel' no.7:15 Jl '61. (MIRA 14:8)
(Cements, Adhesive)

SUPONITSKIY, Zakhar Grigor'yevich; FEDORTSOV, B.D., inzh., retsenzent;
ROTBENBERG, A.S., red.izd-va; CHERKASSKAYA, F.T., tekhn.red.

[Assembly-line cycle method of organizing finishing operations]
Potochno-tsiklichnyi metod organizatsii otdelochnykh rabot;
iz opyta tresta Lenotdalstroi-2. Leningrad, Gos.izd-vo lit-ry po
stroit., arkhit. i stroit.materialam, 1962. 114 p. (MIRA 15:4)

1. Nachal'nik tekhnicheskogo upravleniya Glavleningradstroya
(for Suponitskiy).
(Building—Details)

SUPON'KO, L.

Progressive lifesaving station. Voen. znan. 34 no.7:33 Jl '58.
(MIRA 11:9)

1. Nachal'nik spasatel'noy sluzhby Leningradskogo gorodskogo komiteta
dobrovol'nogo obshchestva sodeystviya armii, aviatcii i flotu.
(Life saving stations)

SUFON'KO, L.

Not a single ice victim. Voen.znan. 36 no.12:33 D'60.
(MIRA 13:11)

1. Nachal'nik spasatel'noy sluzhby Leningradskogo gorodskogo
komiteta Vsesoyuznogo ordena Krasnogo Znameni dobrovol'nogo
obshchestva armii, aviatsii i flotu.
(Leningrad--Ice crossings)

SUPON'KO, L.

Public opinion is a great force. Voen.znan. 38 no.8:36 Ag
'62. (MIRA 15:8)

1. Nachal'nik spasatel'noy sluzhby gorodskogo komiteta
Dobrovol'nogo obshchestva sodeystviya armii, aviatsii i flotu,
g. Leningrad.

(Leningrad--Lifesaving)

SUPON'KO, S. (Leningrad)

Guarding lif^e. Voen. znan. 39 no.5:29 My '63.
(Zelenogorsk—Lifesaving stations)

(MIRA 16:5)

L 1052-66 EWT(m)/EWP(w)/EWA(d)/T/EWP(t)/EWP(k)/EWP(z)/EWP(b)/EWA(c) MJW/JD/RW

ACCESSION NR: AP5022355

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669.18:658.562

51
50

AUTHOR: Supov, A. V.; Prokoshkin, D. A.; Rakhshadt, A. G.; Medvedev, V. A.

TITLE: Effect of cold working on the physical properties and fine structure of steel subjected to thermomechanical treatment

SOURCE: Stal', no. 9, 1965, 846-848

TOPIC TAGS: cold working, spring steel, metal hardening, plastic deformation, mechanical heat treatment/ 55KhRG spring steel

ABSTRACT: The hardening that occurs in steels following their thermomechanical treatment (TMT) is usually associated with the rise of a special fine structure with a higher density of defects and a corresponding distribution of defects. Hence it may be expected that on additional treatment of the fine structure (e.g. by means of limited plastic deformation) the properties of steel previously subjected to TMT should also markedly change. In this connection, the authors investigated the effect of cold plastic deformation on the properties of spring steel 55KhRG (0.52% C, 0.9% Cr, 1.1% Mn, 0.005% B) following its high-temperature

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thermomechanical treatment (HTMT), on utilizing the hereditary hardening effect (the "reversibility" effect) which consists in that if a steel, following its HTMT, is tempered to a hardness allowing its machining with cutting tools, its reheating without deformation and tempering causes it to re-acquire the properties it had acquired directly following HTMT, i.e. the effect of the original work hardening is stably retained. In this particular case, "direct" HTMT was carried out at 950°C with deformation by rolling leading to a 50% reduction of area. Immediately after deformation the steel was quenched in oil. Subsequently, the specimens were tempered at 200-600°C; prior to tempering some of the specimens were cold-rolled with a 5% reduction in area. Reheating of the specimens produced the "hereditary hardening effect," i.e. restoration of the high level of strength properties, except in the specimens subjected to the cold plastic deformation with 5% reduction in area, which shows that even a limited degree of cold working eliminates the "hereditary hardening effect" by disturbing the uniformly distributed and stabilized systems of dislocations. The character of change in properties corresponds to the change in fine structure. The physical widening of the diffraction lines of the atomic planes of α -solid solution is greater without than with such cold working, in such cases. Orig. art. has 3 figures.

2/3

Card

L 1052-66

ACCESSION NR: AP5022355

ASSOCIATION: none

SUBMITTED: 00

ENCL: 00

SUB CODE: MM, 88

NO REF Sov: 005

OTHER: 000

Card 3/3 SP

SUROV, N.P.

Production of hydroaromatic hydrocarbons by pyrolysis of acetates
of secondary alcohols obtained on the basis of the condensation
products of gem-substituted butadienes with acrolein. Zhur.org.
Khim. 1 no.3:446-448 Mr '65. (MIRA 18:4)

1. Leningradskiy institut aviatsionnogo prilozhestiya.

BREZHNEVA, K.M.; IVANOVA, I.B.; MOSHAROVA, T.S.; NIKOLAEVSKIY, I.F.;
SAVINA, A.S.; SNETANINA, D.I.; SIPOV, S.V.; FISHBEYN, T.I.;
MURADIAN, A.G.; otv.red.; VORONOVA, A.I., red.; MARKOCH, K.G.,
tekhn.red.

[Transistor triodes and diodes] Poluprovodnikovye triody i
diody. Moskva, Gos.izd-vo lit-ry po voprosam sviazi i radio,
1961. 311 p. (MIRA 14:4)

(Transistors)

PHASE I BOOK EXPLOITATION

SOV/6392

Brezhneva, K. M., T. S. Masharova, I. F. Nikolayevskiy, D. I.
Smetanina, S. V. Supov, T. I. Fishbeyn, and A. B. Khotimskiy

Tranzistory i poluprovodnikovyye diody (Transistor and Semiconductor
Diodes) Moscow, Svyaz'izdat, 1963. 646 p. Errata slip inserted.
40,000 copies printed.

Ed. (Title page): I. F. Nikolayevskiy; Ed.: L. I. Vengrenyuk;
Tech. Ed.: K. G. Markoch.

PURPOSE: This handbook is intended for technicians and scientists
concerned with the application of semiconductor devices. It
may also be useful to students of radio engineering divisions
in schools of higher education and to advanced radio amateurs.

COVERAGE: This is the second edition of the handbook and it differs
from the first by giving more complete information, including data

Card 1/10

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Transistor and Semiconductor Diodes

SOV/6392

concerning new transistors and diodes. It also introduces a new general chapter on transistors in which the physical meaning and significance of each parameter are explained in detail and lists the specific characteristics of the transistors commonly used in the USSR. No personalities are mentioned. There are no references.

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PART ONE. TRANSISTORS

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SUPOVA, T.L. (Leningrad, P-22, Kirovskiy pr., 69/71, kv.36)

Regeneration of tabular bone in acute radiation sickness. Arkh.anat.
gist.i embr. 39 no.11:51-59 N '60. (MIRA 14:5)

1. Voyenno-meditsinskaya ordena Lenina akademiya imeni S.M.Kirova
(nauchnyy rukovoditel' raboty - I.A.Chaliscov).
(RADIATION SICKNESS) (BONE—DEGENERATION AND REGENERATION)

SUPPE, G.A., inzhener; MIKHAYLOV, N.V., inzhener; VINOGRADOV, G.S., inzh.,
red.; GVIERTS, V.L., tekhn.red.

[Continuous conveyer method of assembling appliances] Potochno-
konveiernaya sberka priborov. Leningrad, 1955. 19 p. (Leningradskii
dom nauchno-tekhnicheskoi propagandy. Informatsionno-tekhnicheskii
listok, no.74(762))
(Assembly-line methods)

SUPPE, G.H.; TSAREV, B.M., prof., otvetstvennyy red.

[Electron emission from metallic crystals] Elektronnaya emissiya
metallicheskikh kristallov. Tashkent, Izd-vo SAGU, 1957. 111 p.
(Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo
universiteta, no.115. Fiziko-matematicheskie nauki, no.17).
(Electron emission) (Metals) (MIRA 11:10)